COMBINED DECLARATION AND POWER OF ATTORNEY

As the below-named inventor(s): Thor Bakke and Charles T. Sullivan

My/Our residence(s), post office address(es), and citizenship(s) are as stated below next to my/our name(s).

I/We believe I/we am/are the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the

| VERTICALL | Y-TAPERED (| OPTICAL WAVEGU | s sought on the invention entitled IDE AND OPTICAL SPOT pecifications of which (check one) |
|--|---|---|---|
| _X is attach | ed hereto | | |
| was file | ed on(i | as Serial No f applicable). | and was amended on |
| | - | | nderstand the contents of the above- d by any amendment referred to above. |
| | | ty to disclose information with Title 37, Code of | on which is material to the patentability Federal Regulations, |
| § 119 of any fo also identified | reign application below any foreign | (s) for patent or invento | r Title 35, United States Code r's certificate listed below and have or inventor's certificate having a filing claimed: |
| | <u>P</u> : | RIOR FOREIGN APPLI | <u>CATION</u> |
| | | | Priority Claimed |
| | | | YES |
| Number | Country | F | Filed (Day/Month/Year) |
| States application is rethe first paragrematerial inform | ion(s) listed below not disclosed in th aph of Title 35, U nation as defined i en the filing date | wand insofar as the subject prior United States apunited States Code, § 11 in Title 37, Code of Fed | ited States Code, § 120 of any United ject matter of each of the claims of this pplication in the manner provided by 2, I acknowledge the duty to disclose leral Regulations, § 1.56(a) which and the national or PCT international |
| Serial No. | | Filing Date | Status |
| None | | | |

<u>POWER OF ATTORNEY</u>: As the named inventors, we hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

| Names and Registration Nos. | | Names and Registration N | Names and Registration Nos. | |
|--|--|---|--|--|
| Timothy D. Stanley Kevin W. Bieg Kurt C. Olsen Russell D. Elliott V. Gerald Grafe Elmer A. Klavetter | 30,428 40,912 29,961 35,497 42,599 42,743 | George H. Libman Brian W. Dodson John P. Hohimer Timothy P. Evans Robert D. Watson Suzanne L. K. Rountree | 27,984 39,170 39,226 41,013 45,604 47,910 | |

| Send Correspondence to: | Direct Telephone Calls To: | |
|--|-----------------------------------|--|
| SANDIA NATIONAL LABORATORIES Patent & Licensing Center P. O. Box 5800 - MS-0161 Albuquerque, New Mexico 87185-0161 | John P. Hohimer (505) 844-4007 | |

(I)/We hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| Inventor Name: | Thor Bakke | Citizer | Citizenship: Norway | | |
|--|------------|---------|---------------------|--|--|
| SIGNATURE: | The South | DATE: | 2/5/01 | | |
| Residence (City & State or Country): 12200 Academy Rd., N.E., Apt. 922 Albuquerque, New Mexico 87111 | | | | | |
| Mailing Address: 12200 Academy Rd., N.E., Apt. 922, Albuquerque, New Mexico 87111 | | | | | |

Inventor Name: Charles T. Sullivan Citizenship: USA

SIGNATURE: DATE: 7/5/61

Residence (City & State or Country): 907 Wagon Train Dr., S.E.

Albuquerque, New Mexico 87123

Mailing Address: 907 Wagon Train Dr., S.E., Albuquerque, New Mexico 87123